

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-102  
Relating to Certification of New Motor Vehicle Engines

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100 and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That General Motors Corporation 1977 model-year diesel-powered engines in heavy-duty motor vehicles are certified for the engine family described below:

<u>Engine Family</u>	<u>Engine Size (CID)</u>	<u>Engine Model</u>	<u>Type</u>
6L-71N	426	6L-71N	Inline-6 Natural Aspiration

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

<u>Engine Family</u>	<u>HC + NOx gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NOx gm/bhp-hr</u>
6L-71N		7	0.4	7.5

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 17 day of December, 1976.

  
G. C. Hass, Chief  
Vehicle Emissions Control Division

## 1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL ENGINES

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-102 Page 1Engine Family 6L-71N Engine (CID) 426Emission Control Systems None Type 

Engine Model	Fuel Pump Mfgr. Part Number	Injector Mfg. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP (1)	Basic Initial Timing
6L-71N	Not Applicable	GMC 71B5 5229550	190 @ 2300	49.7	13° BTC
		B55 5229555	203 @ 2300	52.3	14° BTC
		B60 5229560	219 @ 2300	56.2	15° BTC

Comments (1) Cubic millimeters per stroke.

Date of Issue 121776

## Abbreviation

## Type

NA - Natural Aspiration

TC - Turbocharged

TCA- Turbocharged and Aftercooled